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Timestamp: [year=2012; month=1; day=9; hr=8; min=35; sec=26; ms=826;]

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Application No: 10785230 Version No: 4.0

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Finished: 2012-01-04 16:25:45.383
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No. of SeqIDs Defined: 12
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<110> KISHIMOTO, Tadamitsu
NAGASAWA, Takashi
TACHIBANA, Kazunobu

<120> Inhibiting vascularization using antibodies to CXCR4 and SDF-1

<130> 046124-5042-01

<140> 10785230

<141> 2004-02-25

<150> US 09/646,785

<151> 2001-02-16

<150> PCT/JP1999/001448

<151> 1999-03-23

<150> JP 10/95448

<151> 1998-03-24

<160> 12

<170> PatentIn version 3.5

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<211> 352

<212> PRT

<213> Homo sapiens

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His	Val	Ile	Tyr	Thr	Val	Asn	Leu	Tyr	Ser	Ser	Val	Leu	Ile	Leu	Ala	115	120	125
Phe	Ile	Ser	Leu	Asp	Arg	Tyr	Leu	Ala	Ile	Val	His	Ala	Thr	Asn	Ser	130	135	140
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Val	Ser	Glu	Ala	Asp	Asp	Arg	Tyr	Ile	Cys	Asp	Arg	Phe	Tyr	Pro	Asn	180	185	190
Asp	Leu	Trp	Val	Val	Val	Phe	Gln	Phe	Gln	His	Ile	Met	Val	Gly	Leu	195	200	205
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Ala	Leu	Ala	Phe	Phe	His	Cys	Cys	Leu	Asn	Pro	Ile	Leu	Tyr	Ala	Phe	290	295	300
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 Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu
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 aat gct aat ttc aat aaa atc ttc ctg ccc acc atc tac tcc atc atc 144
 Asn Ala Asn Phe Asn Lys Ile Phe Leu Pro Thr Ile Tyr Ser Ile Ile
 35 40 45
 ttc tta act ggc att gtg ggc aat gga ttg gtc atc ctg gtc atg ggt 192
 Phe Leu Thr Gly Ile Val Gly Asn Gly Leu Val Ile Leu Val Met Gly
 50 55 60
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 Tyr Gln Lys Lys Leu Arg Ser Met Thr Asp Lys Tyr Arg Leu His Leu
 65 70 75 80
 tca gtg gcc gac ctc ctc ttt gtc atc acg ctt ccc ttc tgg gca gtt 288
 Ser Val Ala Asp Leu Leu Phe Val Ile Thr Leu Pro Phe Trp Ala Val
 85 90 95
 gat gcc gtg gca aac tgg tac ttt ggg aac ttc cta tgc aag gca gtc 336
 Asp Ala Val Ala Asn Trp Tyr Phe Gly Asn Phe Leu Cys Lys Ala Val
 100 105 110
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 His Val Ile Tyr Thr Val Asn Leu Tyr Ser Ser Val Leu Ile Leu Ala
 115 120 125
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 Phe Ile Ser Leu Asp Arg Tyr Leu Ala Ile Val His Ala Thr Asn Ser
 130 135 140
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Val Ser Glu Ala Asp Asp Arg Tyr Ile Cys Asp Arg Phe Tyr Pro Asn				
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Asp Leu Trp Val Val Val Phe Gln Phe Gln His Ile Met Val Gly Leu				
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Ala Leu Ala Phe Phe His Cys Cys Leu Asn Pro Ile Leu Tyr Ala Phe				
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195 200 205

Gln His Ile Met Val Gly Leu Ile Leu Pro Gly Ile Val Ile Leu Ser
210 215 220

Cys Tyr Cys Ile Ile Ile Ser Lys Leu Ser His Ser Lys Gly His Gln
225 230 235 240

Lys Arg Lys Ala Leu Lys Thr Thr Val Ile Leu Ile Leu Ala Phe Phe
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Ala Cys Trp Leu Pro Tyr Tyr Val Gly Ile Ser Ile Asp Ser Phe Ile
260 265 270

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275 280 285

Lys Trp Ile Ser Ile Thr Glu Ala Leu Ala Phe Phe His Cys Cys Leu
290 295 300

Asn Pro Ile Leu Tyr Ala Phe Leu Gly Ala Lys Phe Lys Ser Ser Ala
305 310 315 320

Gln His Ala Leu Asn Ser Met Ser Arg Gly Ser Ser Leu Lys Ile Leu
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gat gaa aac gtc cat ttc aat agg atc ttc ctg ccc acc atc tac ttc	144
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atc atc ttc ttg act ggc ata gtc ggc aat gga ttg gtg atc ctg gtc	192
Ile Ile Phe Leu Thr Gly Ile Val Gly Asn Gly Leu Val Ile Leu Val	
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115 120 125	

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Leu Ala Phe Ile Ser Leu Asp Arg Tyr Leu Ala Ile Val His Ala Thr	
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Cys Asp Arg Leu Tyr Pro Asp Ser Leu Trp Met Val Val Phe Gln Phe	
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Gln His Ile Met Val Gly Leu Ile Leu Pro Gly Ile Val Ile Leu Ser	
210 215 220	
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Cys Tyr Cys Ile Ile Ile Ser Lys Leu Ser His Ser Lys Gly His Gln	
225 230 235 240	
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Lys Arg Lys Ala Leu Lys Thr Thr Val Ile Leu Ile Leu Ala Phe Phe	
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